

10/638,848

filing date 8/11/03

U.S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSI
							YES
TNT	✓	96 34867	11/07/1996	WO			✓
	✓	95 19774	07/27/1995	WO			✓
	✓	97 38983	10/23/1997	WO			✓
		0278686	08/17/1988	EP			✓
TNT	✓	92 20642	11/26/1992	WO			✓

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

TNT		G.W. REWCASTLE, ET AL., JOURNAL OF MEDICINAL CHEMISTRY, "TYROSINE KINASE INHIBITORS. 10. ISOMETRIC 4-((3-BROMOPHENY)AMINO)PYRIDO[D]PYRIMIDINES ARE POTENT ATP BINDING SITE INHIBITORS OF THE TYROSINE KINASE FUNCTION OF THE EPIDERMAL GROWTH FACTOR RECEPTOR", VOL. 39, 1996PP. 1823-35, XP002046257
TNT		G.W. REWCASTLE, ET AL., JOURNAL OF MEDICINAL CHEMISTRY, "TYROSINE KINASE INHIBITORS. T. SYNTHESIS-ACTIVITY RELATIONSHIPS FOR 4-((PHENYL)METHYL)AMINO)- AND 4-(PHENYLAMINO) QUINAZOLINES AS POTENT ADENOSINE 5'-TRIPHOSPHATE BINDING SITE INHIBITORS OF THE TYROSINE KINASE DOMAIN OF THE EPIDERMAL GROWTH FACTOR RECEPTOR", VOL. 38, 1995, PP 3482-7, XP000673491

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DATE CONSIDERED

4/28/08

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INFORMATION DISCLOSURE CITATION
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ATTY DOCKET NO.
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APPLICANT(S)
ELLEN M. DOBRUSIN, ET AL.

FILING DATE 8/11/03
~~SEPTEMBER 9, 2000~~

GROUP

U.S. PATENT DOCUMENTS

FOREIGN PATENT DOCUMENTS

	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION	
						YES	NO
TNT ✓	✓ 96 15128	05/23/1996	WO			✓	
✓	✓ 0021292	01/07/1981	EP			✓	
✓	✓ 98 33798	08/06/1998	WO			✓	
✓	✓ 99 09030	02/25/1999	WO			✓	
TNT ✓	✓ 99 06378	02/11/1999	WO			✓	

OTHER DOCUMENTS (*Including Author, Title, Date, Pertinent Pages, Etc.*)

PCT INTERNATIONAL SEARCH REPORT (PCT/US99/10187), 1999

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

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Sheet

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of 3

Complete If Known

Application Number	10/638848
Filing Date	August 11, 2003
First Named Inventor	Ellen Myra Dobrusin, et al.
Art Unit	
Examiner Name	

Attorney Docket Number 5716-D1-SRE

U. S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Number-Kind Code ² (if known)
		Number-Kind Code ² (if known)			
TNT	✓	US- 2,949,466	08-16-1960	M. L. Hoefle, et al.	544/1256
	✓	US- 3,912,723	10-14-1975	M. W. Miller	544/182
	✓	US- 4,425,346	01-10-1984	M. Horlington, et al	514/249
	✓	US- 4,886,807	12-12-1989	N. Kitamura, et al.	514/262.1
	✓	US- 6,084,095	07-04-2000	A. J. Bridges, et al	544/279
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FOREIGN PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Foreign Patent Document	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages Or Relevant Figures Appear	Number-Kind Code ² (if known)
		Country Code ³ -Number ⁴ -Kind Code ⁵ (if known)				
TNT	✓	WO 96/13262 A1	05-09-1996	W. J. Thompson, et al.		
	✓	WO 99/61444 A2	12-02-1999	E. Dobrusin, et al.		
	✓	WO 00/24744 A1	05-04-2000	W. Harris, et al.		
	✓	WO 01/29041 A1	04-26-2001	J. P. Dunn, et al.		
	✓	WO 01/29042 A1	04-26-2001	J. P. Dunn, et al.		
TNT	✓	WO 01/64679 A1	09-07-2001	J. L. Adams, et al.		

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NON PATENT LITERATURE DOCUMENTS

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TNT	✓	K. ADACHI, "Synthesis of Orcinol Monomethyl Ether", Memoirs of the Osaka Institute of Technology, Series A, 1983 pp 33-41, Vol. 28, No. 1	
	✓	J. G. CAPPUCCINO, et al., "Growth Inhibition of Clostridium feseri by Carcinostatic Purine and Pyrimidine Analogs", Cancer Res., 1964, pp 1243-1248, Vol. 24, No. 7	
	✓	S. K. CHATTERJEE, et al., "Synthesis of Some 4-Oxy & 2:4-Dioxypyrimido-(4,5-d)-Pyrimidines", J. Sci. Industr. Res., 1958, pp. 63-70, Vol. 17B	
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	✓	N. A. DEVI et al., "Synthesis of Pyrimido [4,5-d] Pyrimidines as Antifungal Agents" Indian Journal of Heterocyclic Chemistry, 1998, pp 193-196, Vol. 7	
	✓	H. GRABOYES et al., "Pteridienes. X. Some Pyrimidopyrimidine Isomers of Triamterene", 1968, pp 568-573, Vol 11	
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	✓	A. V. GULEVSKAYA et al., "Purines, Pyrimidines, and Condensed Systems Based on These Compounds Chemistry of Heterocyclic Compounds 13, 1994, pp 1087-1091, Vol. 30, No. 9	
TNT	✓	K. HIROTA, et al., "A Facile Synthesis of 7-Substituted Pyrimido[4,5-d]-pyrimidine-2,4-diones" Synthesis, 1984, pp. 589-590	

Examiner Signature		Date Considered	4/28/05
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PD-5716-D1-SRE**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
TNT	/	K. HIROTA et al, "Novel Rung Transformations of 5-Cyanouracils into 2-Thiacytosines, 2,4-Diaminopyrimidines, and Pyrimido[4,5-d]pyrimidines by the Reaction with Thioureas and Guanidines", J. Chem. Soc. Perkins Trans. 1, 1990, pp 123-128 .	
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	/	T. MASQUELIN, et al., a Novel Solution and Solid-Phase Approach to 2,4,5-Tri- and 2,4,5,6-Tetra-substituted Pyrimidines and Their Conversion into Condensed Heterocycles", Helvetica Chemica Acta, 1998, pp 646-660, Vol. 81, No. 4 .	
	/	E. C. TAYLOR, et al., "Pyrimido [4,5-d]pyrimidines Part I", J. Am. Chem. Soc., 1960, pp 5711-5718, Vol. 82 .	
	/	Y. TOMINAGA et al., "Synthesis of Pyrimido[4,5-d]Pyrimidines", Heterocycles, 1979, 2 pgs, Vol. 12, No. 4 .	
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	/	H. WAMHOFF, et al., "Pyrimido[4,5-d]Pyrimidines, Pyrimido[4',5':4,5]Pyrimido[6,1-a]-Azepines, and an Imidazos[5,1-f][1,2,4]Triazine by Three Component Reaction", Heterocycles, Vol. 35, No. 2, 1993, pp 1055-1066 .	
TNT	/	R. EVERA, et al., "Zum Reaktionsverhalten der Thio-bis-formamide; Versuche zur Synthese von Pyrimidino[4,5-d]pyrimidin-derivaten", Z. Chem., pp 412-413, Vol. 20. Jg .	

Examiner Signature	<i>M. Mori</i>	Date Considered	4/28/05
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